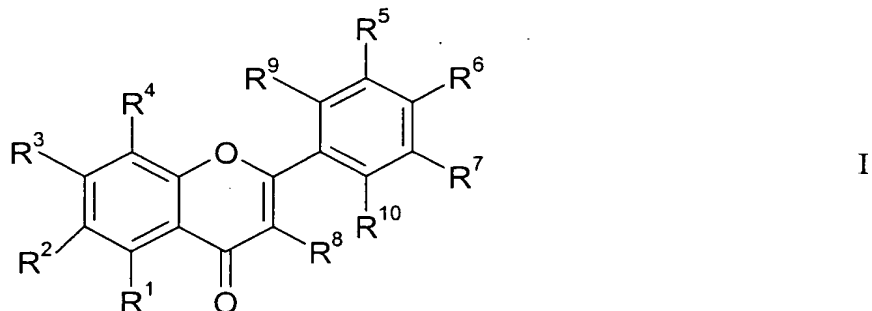


ABSTRACT

The invention relates to a preparation having antioxidant properties, comprising at least one compound of the formula I



where R^1 to R^{10} may be identical or different and are selected from H, OR^{11} , straight-chain or branched C_1 - to C_{20} -alkyl groups, straight-chain or branched C_3 - to C_{20} -alkenyl groups, straight-chain or branched C_1 - to C_{20} -hydroxyalkyl groups, where the hydroxyl group may be bonded to a primary or secondary carbon atom of the chain and furthermore the alkyl chain may also be interrupted by oxygen, and/or C_3 - to C_{10} -cycloalkyl groups and/or C_3 - to C_{12} -cycloalkenyl groups, where the rings may each also be bridged by $-(CH_2)_n$ groups, where $n = 1$ to 3 , where all OR^{11} are, independently of one another, OH, C_1 - to C_{20} -alkoxy groups, C_3 - to C_{20} -alkenyloxy groups, straight-chain or branched C_1 - to C_{20} -hydroxyalkoxy groups and/or C_3 - to C_{10} -cycloalkoxy groups and/or C_3 - to C_{12} -cycloalkenyloxy groups, where the rings may each also be bridged by $-(CH_2)_n$ groups, where $n = 1$ to 3 , and/or mono- and/or oligoglycosyl radicals, with the proviso that at least 3 radicals from R^1 to R^7 are OH and that at least 2 pairs of adjacent -OH groups are present in the molecule, or R^2 , R^5 and R^6 are OH and the radicals R^1 , R^3 , R^4 and R^{7-10} are H.